

[7th March, 2001]

RAJYA SABHA

1	2	3	4	5	6	7	8	9
8.	Karnataka	14.42	9.82	57.25	81.49	40.74	40.74	81.49
9.	Kerala	0.00	0.00	22.41	22.41	11.21	11.21	22.41
10.	Madhya Pradesh	11.17	0.00	38.36	49.53	24.77	24.77	49.53
11.	Maharashtra	44.23	0.00	90.21	134.44	67.22	67.22	134.44
12.	Orissa	0.00	38.00	0.00	38.00	19.00	19.00	38.00
13.	Punjab	0.00	5.99	31.71	37.70	18.85	18.85	37.70
14.	Rajasthan	0.00	0.00	44.99	44.99	22.50	22.50	44.99
15.	Tamil Nadu	53.44	0.00	12.10	65.54	32.77	32.77	65.54
16.	Uttar Pradesh	49.18	39.25	13.03	101.45	50.73	50.73	101.45
17.	Uttaranchal	0.00	0.00	4.80	4.80	2.40	2.40	4.80
18.	West Bengal	0.00	24.90	18.60	43.50	21.75	21.75	43.50
Sub Total		241.82	120.49	576.22	938.52	469.26	469.26	938.52
Grand Total		241.82	120.49	651.73	1014.03	537.22	476.81	1014.03

Shortage of power

1265. PROF. M.M. AGARWAL: Will the Minister of POWER be pleased to state:

- (a) whether it is a fact that there is an acute shortage of power in different parts of the country;
- (b) if so, the reasons therefor;
- (c) what strategy is being adopted by Government to generate sufficient electricity in the country; and
- (d) the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) During the period April 2000—January 2001, the energy requirement in the country was 421273 million units against which the availability was 389188 million units, which represents a shortage of 7.6%. The state-wise power supply position during April 2000—January 2001 is given in the Statement. (See below)

(b) The main reasons for shortage of power in the country are as follows:—

- (i) Growth in demand for power outpacing the growth in generation.
- (ii) Low frequency conditions in the grid due to inadequate installation of shunt capacitors.
- (iii) Shortage of peaking power in the grid.
- (iv) Constraints in transmission, sub-transmission and distribution system.
- (v) Low Plant Load Factor (PLF) of some of the thermal generating units.
- (vi) Low water level in reservoirs affecting hydel generation.

(c) and (d) The following steps are being taken to improve the generation and availability of power in the country:

- (i) Renovation and Modernisation (R&M) and life extension of existing old and inefficient generating units. Special fund under the Accelerated Power Development Programme for undertaking R&M schemes is being provided to States.
- (ii) Speedy implementation of Reforms & Restructuring in the Power Sector.
- (iii) Early stabilization of newly commissioned units and overall increase in Plant Load Factor of thermal units.
- (iv) Reduction in Transmission and Distribution losses.
- (v) Promoting energy efficiency and conservation measures.
- (vi) Disbursement of loans by the Power Finance Corporation for improving operation and maintenance of thermal power stations under the Accelerated Generation Programme.
- (vii) Expedited implementation of capacity addition programme to enable doubling of the existing generation capacity by 2012.
- (viii) Maximizing the inter-state and inter-regional power transfer by construction of required transmission links and finally leading to formation of the National Grid.
- (ix) Formulation of hydel policy for exploitation of hydro potential in the country at a faster pace.
- (x) Encouraging and facilitating independent power producers (IPPs) to set up their power plants in the private sector.

Statement*State-wise power supply position*

(All figures in MU net)

April'2000—January'2001

Regions/States/System	Requirement	Availability	Shortage	%
NORTHERN REGION		0		
Chandigarh	926	925	1	0.1
Delhi	15935	15193	742	4.7
Haryana	14505	14210	295	2.0
H.P.	2635	2588	47	1.8
J&K	5240	4565	675	12.9
Punjab	23645	23242	403	1.7
Rajasthan	20690	20017	673	3.3
U.P.	38390	33012	5378	14.0
N.R.	121966	113752	8214	6.7
WESTERN REGION				
Gujarat	44575	40108	4467	10.0
M.P.	32691	29015	3676	11.2
Maharashtra	66507	58864	7643	11.5
Goa	1492	1306	186	12.5
W.R.	145265	129293	15972	11.0
SOUTHERN REGION				
A.P.	39112	36264	2848	7.3
Karnataka	24401	22158	2243	9.2
Kerala	11211	10463	748	6.7
Tamil Nadu	34920	32263	2657	7.6
S.R.	109644	101148	8496	7.7
EASTERN REGION				
Bihar	7655	7209	446	5.8
DVC	7048	7195	-147	-2.1
Orissa	9770	10136	-366	-3.7
West Bengal	15541	15752	-211	-1.4
E.R.	40014	40291	-277	-0.7
NORTHERN-EASTERN REGION				
Ar. Pradesh	106.0	108.6	-2.6	-2.5
Assam	2571.8	2810.5	-238.7	-9.3
Manipur	385.8	382.9	2.9	0.8
Meghalaya	457.8	499.0	-41.2	-9.0
Mizoram	203.4	210.6	-7.2	-3.5
Nagaland	186.1	192.5	-6.4	-3.4
Tripura	470.3	500.3	-30	-6.4
N.E.R.	4381.2	4704.4	-323.2	-7.4
All India:	421273	389188	32085	7.6